Translation

PATENT COOPERATION TREATY



PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	T				
DS0080 FOR FURTHER		ACTION	See Form PCT/IPEA/416		
		ate (day/month/year) 4 (18.06.2004)	Priority date (day/month/year) 19 June 2003 (19.06.2003)		
International Patent Classification (IPC) or n C07D 401/04	<u> </u>		19 Julie 2003 (19.06.2003)		
Applicant					
DAIICHI PHARMACEUTICAL CO., LTD.					
This report is the international prelir Authority under Article 35 and trans	minary examination resmitted to the applican	port, established by this according to Article 3	s International Preliminary Examining 6.		
2. This REPORT consists of a total of	3 sheet	s, including this cover s	sheet		
3. This report is also accompanied by A	ANNEXES, comprisin	g:			
a. (sent to the applicant and	to the International B	ureau) a total of	sheets, as follows:		
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).					
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.					
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).					
4. This report contains indications relat	ing to the following ite	ems:			
Box No. I Basis of the rep	port				
Box No. II Priority					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV Lack of unity of invention					
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain documents cited					
Box No. VII Certain defects in the international application					
Box No. VIII Certain observations on the international application					
Date of submission of the demand		Date of completion of this report			
01 April 2005 (01.04.2005)		28 April 2005 (28.04.2005)			
Name and mailing address of the IPEA/JP		Authorized officer			
Facsimile No.		Telephone No			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2004/008607

pages* received by this Authority on pages*	BOX M	o. I Basis of the report
This report is based on translations from the original language into the following language which is language of a translation furnished for the purpose of: international served (under Rules 12.3 and 23.1(b))	1. With	h regard to the language, this report is based on the international application in the language in which it was filed upless
international search (under Rules 12.3 and 23.1(b)) publication of the international application (under Rules 55.2 and/or 55.3) 2. With regard to the elements of the international application, this report is based on (replacement sheets which have furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed/furnished the description: pages The international application as originally filed/furnished the description: pages* pages* received by this Authority on pages* pages* pages* pages* received by this Authority on received by this Authority on pages* pages* pages* pages* received by this Authority on received by this Authority on pages* page		
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/IP2004/008607

Box No. V Reasoned statement citations and explana	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1. Statement						
Novelty (N)	Claims	1-12	YES			
	Claims		NO			
Inventive step (IS)	Claims	1-12	YES			
	Claims		NO NO			
Industrial applicability (IA)	Claims	1-12	YES			
	Claims	1-12	NO NO			
0.00						

2. Citations and explanations (Rule 70.7)

Document 1: WO, 97/19072, A1 (Daiichi Pharmaceutical Co., Ltd.), May 29, 1997 (05.29.97) Document 2: WO, 02/40487, A1 (Daiichi Pharmaceutical Co., Ltd.), May 23, 2002 (05.23.02)

The inventions relating to claims 1-12 are not disclosed in any of the documents described in the ISR; therefore, they appear to be novel and involve an inventive step. In particular, a production method for the compounds represented in Formula (6), Formula (5), Formula (4) and Formula (3) and the compound represented by Formula (1) in which said compounds serve as a intermediate is not disclosed in documents 1-2 that are considered to be the most relevant prior art documents.